

Jianpeng Wang

List of Publications by Year in descending order

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67
papers

1,214
citations

304743

22
h-index

395702

33
g-index

67
all docs

67
docs citations

67
times ranked

854
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of a compact microstrip balanced ϵ -balanced filtering power divider with real impedance transformation functionality. IET Microwaves, Antennas and Propagation, 2021, 15, 481-494.	1.4	3
2	Design of compact planar power divider with wideband bandpass response and high in-band isolation. IET Microwaves, Antennas and Propagation, 2021, 15, 954-965.	1.4	0
3	Design of a Millimeter-wave Bandpass Filter with Computer-aided Tuning Method. , 2021, , .		2
4	Compact wideband balun bandpass filter based on half ϵ -mode corrugated slot. Electronics Letters, 2021, 57, 885.	1.0	1
5	Two- and Three-Way Filtering Power Dividers With Harmonic Suppression Using Triangle Patch Resonator. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 5007-5017.	5.4	10
6	Design of a wideband quasi-Yagi antenna with filtering response. Electronics Letters, 2021, 57, 3-6.	1.0	1
7	Design of A Folded Square Slot Based FSS with High Selectivity and Good Angular Stability. , 2021, , .		0
8	Radar Cross-Section Reduction of Helical Antenna by Replacing Metal With 3-D Printed Zirconia Ceramic. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 350-354.	4.0	31
9	Coplanar Stripline-Fed Wideband Yagi Dipole Antenna with Filtering-Radiating Performance. Electronics (Switzerland), 2020, 9, 1258.	3.1	2
10	Design of balanced ϵ -balanced filtering power divider with arbitrary power division ratio based on circular patch resonator. IET Microwaves, Antennas and Propagation, 2020, 14, 253-259.	1.4	11
11	A new dual-band single-ended ϵ -balanced filtering power divider. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22194.	1.2	3
12	Design of An Effective Low Profile Decoupling Structure for Adjacent Dual-Band Patch Antennas. , 2020, , .		2
13	Design of a Broadband Dielectric Resonator Antenna with Filtering Response. , 2020, , .		0
14	Design of Balun Bandpass Filter With Ceramic Loaded Triangular Resonator. , 2020, , .		1
15	Design of Balanced Filtering Components Based on Transmission Line, Substrate Integrated Waveguide and Patch Resonators. , 2020, , .		0
16	A New Design of a Wideband Low-Profile Monopole Patch Antenna Based on SIW Resonator. , 2019, , .		3
17	Design of Compact Coaxial Cavity Bandpass Filter with High Selectivity. , 2019, , .		2
18	Design of compact single-ended ϵ -balanced filtering power divider with wideband common ϵ -mode suppression. Electronics Letters, 2019, 55, 947-949.	1.0	10

#	ARTICLE	IF	CITATIONS
19	Self-Packaged Ultra-Wideband Balanced Bandpass Filter Using Multilayer Liquid Crystal Polymer Circuit Technology. , 2019, , .		0
20	Design of wideband four-way filtering power divider based on SIW loaded square patch resonator. Electronics Letters, 2019, 55, 389-391.	1.0	11
21	Wideband Low-Profile Differential-Fed Patch Antennas With an Embedded SIW Cavity Under Dual-Mode Resonance. IEEE Transactions on Antennas and Propagation, 2019, 67, 4235-4240.	5.1	25
22	Analysis and Design of a New Self-Packaged Wideband Balun Bandpass Filter With the Functionality of Impedance Transformation. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 2322-2330.	4.6	16
23	Three-dimensional circular patch antenna under TM ₀₂ mode with improved impedance matching. Electronics Letters, 2019, 55, 169-170.	1.0	2
24	Generalized Synthesis Design of a New Coupled-line Filtering Power Divider. , 2019, , .		0
25	A CPW-Fed Patch Antenna with Low Profile and Bandwidth Enhancement. , 2019, , .		2
26	A New Design Approach for Balanced Bandpass Filters on Right-Angled Isosceles Triangular Patch Resonator. IEEE Microwave and Wireless Components Letters, 2019, 29, 5-7.	3.2	23
27	3-D Printing and CNC Machining Technologies for Exploration of Circularly Polarized Patch Antenna With Enhanced Gain. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2019, 9, 984-990.	2.5	1
28	A New Balanced-to-Unbalanced Filtering Power Divider With Dual Controllable Passbands and Enhanced In-Band Common-Mode Suppression. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 695-703.	4.6	19
29	Design of a 3-D Integrated Wideband Filtering Magneto-Electric Dipole Antenna. IEEE Access, 2019, 7, 4735-4740.	4.2	27
30	A reconfigurable patch antenna with independent frequency and polarization agility. Journal of Electromagnetic Waves and Applications, 2019, 33, 31-40.	1.6	6
31	Design of a Dual-Mode Balun Bandpass Filter With High Selectivity. IEEE Microwave and Wireless Components Letters, 2018, 28, 22-24.	3.2	38
32	Low-Loss Transformer Oil for Application in Frequency-Reconfigurable LP/CP Patch Antennas. , 2018, , .		1
33	Design of a New Balanced-to-Balanced Filtering Power Divider Based on Square Patch Resonator. IEEE Transactions on Microwave Theory and Techniques, 2018, 66, 5280-5289.	4.6	39
34	A New Balanced Bandpass Filter With Improved Performance on Right-Angled Isosceles Triangular Patch Resonator. IEEE Transactions on Microwave Theory and Techniques, 2018, , 1-11.	4.6	18
35	Dual-Wideband Filtering Power Divider Based On Coupled Stepped-Impedance Resonators. IEEE Microwave and Wireless Components Letters, 2018, 28, 873-875.	3.2	28
36	Circularly polarised patch antenna using 3D-printed asymmetric substrate. Electronics Letters, 2018, 54, 674-676.	1.0	4

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37	Compact balanced bandpass filter using isosceles right triangular patch resonator. Electronics Letters, 2017, 53, 253-254.	1.0	15
38	Dual-Mode Filtering Power Divider With High Passband Selectivity and Wide Upper Stopband. IEEE Microwave and Wireless Components Letters, 2017, 27, 642-644.	3.2	32
39	Wideband Microstrip-to-Microstrip Vertical Transition With High Filtering Selectivity Using Open-Circuited Slotline SIR. IEEE Microwave and Wireless Components Letters, 2017, 27, 329-331.	3.2	21
40	Design of a Balun Bandpass Filter with Asymmetrical Coupled Microstrip Lines. Frequenz, 2017, 71, .	0.9	0
41	Bandwidth Enhancement of a Differential-Fed Equilateral Triangular Patch Antenna via Loading of Shorting Posts. IEEE Transactions on Antennas and Propagation, 2017, 65, 36-43.	5.1	52
42	Wideband balun bandpass filter with broadside-coupled microstrip/slotline resonator structure. Electronics Letters, 2017, 53, 1320-1321.	1.0	11
43	Dual-Wideband Filtering Power Divider With Good Isolation and High Selectivity. IEEE Microwave and Wireless Components Letters, 2017, 27, 1071-1073.	3.2	50
44	Dual-Band Microstrip Balun With Flexible Frequency Ratio and High Selectivity. IEEE Microwave and Wireless Components Letters, 2017, 27, 962-964.	3.2	19
45	Design of a filtering power divider with microstrip-slotline transition structures. Electronics Letters, 2017, 53, 1314-1316.	1.0	9
46	Compact microstrip balun diplexer using stub-loaded dual-mode resonators. Electronics Letters, 2016, 52, 1994-1996.	1.0	29
47	Design of compact balanced ultra-wideband bandpass filter with half mode dumbbell DGS. Electronics Letters, 2016, 52, 731-732.	1.0	23
48	Compact microstrip wideband bandpass filter with high selectivity. Electronics Letters, 2016, 52, 626-628.	1.0	24
49	Design of compact wideband filtering power divider with extended isolation and rejection bandwidth. Electronics Letters, 2016, 52, 1387-1389.	1.0	19
50	Design of wideband filtering power divider with high selectivity and good isolation. Electronics Letters, 2016, 52, 1389-1391.	1.0	31
51	Study of a New Planar-Type Balun Topology for Application in the Design of Balun Bandpass Filters. IEEE Transactions on Microwave Theory and Techniques, 2016, 64, 2824-2832.	4.6	49
52	Dual-Band Filtering Power Divider With High Selectivity and Good Isolation. IEEE Microwave and Wireless Components Letters, 2016, 26, 774-776.	3.2	60
53	Wideband balun bandpass filter explored for a balanced dipole antenna with high selectivity. Electronics Letters, 2016, 52, 1153-1155.	1.0	30
54	A New Approach to Design Microstrip Wideband Balun Bandpass Filter. IEEE Microwave and Wireless Components Letters, 2016, 26, 116-118.	3.2	45

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55	Design of a SIW balun bandpass filter with high selectivity. Journal of Electromagnetic Waves and Applications, 2016, 30, 61-69.	1.6	2
56	Wideband Microstrip-to-Microstrip Vertical Transitions Via Multiresonant Modes in a Slotline Resonator. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 1902-1909.	4.6	39
57	Design of microstrip tri-mode balun bandpass filter with high selectivity. Electronics Letters, 2015, 51, 998-999.	1.0	15
58	A new compact ultra-wideband balun for printed balanced antennas. Journal of Electromagnetic Waves and Applications, 2015, 29, 1570-1579.	1.6	11
59	Compact 60GHz LTCC balun bandpass filter with two transmission zeroes. Electronics Letters, 2015, 51, 637-638.	1.0	12
60	Tunable microstrip lowpass filter with compact size and ultra-wide stopband. Electronics Letters, 2015, 51, 1514-1516.	1.0	16
61	Design of compact dual-mode dual-band filtering power divider with high selectivity. Electronics Letters, 2015, 51, 1795-1796.	1.0	46
62	Design of broadband microstrip-to-CPW transition. Electronics Letters, 2014, 50, 35-37.	1.0	6
63	Compact UWB bandpass filter with triple notched bands using parallel U-shaped defected microstrip structure. Electronics Letters, 2014, 50, 89-91.	1.0	42
64	Compact Microstrip UWB Bandpass Filter With Dual Notched Bands Using E-Shaped Resonator. IEEE Microwave and Wireless Components Letters, 2013, 23, 638-640.	3.2	45
65	A New Approach to Design Differential-Mode Bandpass Filters on SIW Structure. IEEE Microwave and Wireless Components Letters, 2013, 23, 635-637.	3.2	71
66	UWB 3D integrated bandpass filter with four controllable transmission zeros. Electronics Letters, 2013, 49, 1625-1627.	1.0	1
67	Design of balanced dual-band bandpass filter based on substrate integrated waveguide. Electronics Letters, 2013, 49, 1278-1280.	1.0	47